LCS-8031N1
IEEE 802.11n 1T2R
Wireless PCI Adapter

The LCS-8031N1 IEEE 802.11n Wireless PCI adapter provides users to launch IEEE 802.11n wireless network at 300 Mbps in the 2.4GHz band, which is also compatible with IEEE 802.11b/g wireless devices at 11/54 Mbps. You can configure this adapter with ad-hoc mode to connect to other 2.4GHz wireless computers, or with Infrastructure mode to connect to a wireless AP or router for accessing to Internet. This adapter includes a convenient Utility for scanning available networks and saving preferred networks that users usually connected with. Security encryption can also be configured by this utility.

Features:

♦ Compatible with IEEE 802.11n, 802.11b/g wireless standards.
♦ 2.4GHz Frequency band, MIMO 1T2R, Standard antenna 2dB.
♦ Complies with PCI 2.3
♦ High Speed transfer data rate up to 300 Mbps, Transmit 150Mbps; Receive: 300Mbps
♦ Supports QoS (WMM, WMM-SA, Client mode)
♦ Supports wireless data encryption with 64/128-bit WEP, WPA, WPA2
♦ Supports Multiple BSSID
♦ Range Coverage : Indoor 35~100 meters; Outdoor 100~300 meters
♦ Compliant with FCC Part 15.247 for US, ETS 300 328 for Europe
♦ Support driver for Windows 2000, XP and Vista, Windows 7.
♦ Supports auto-installation and diagnostic utilities.

Specifications:

Standard:	IEEE 802.11n, IEEE 802.11b, IEEE 802.11g
Chipset:	Realtek
Bus Type:	PCI 2.3
Frequency Band:	2.400 – 2.4835GHz (Industrial Scientific Medical Band)
Security:	64/128-bit WEP, WPA, WPA2
Antenna:	Detachabel Smart Antennas
LEDs:	Link, Activity
Transmit Power:	11Mbps 16dbm, 54Mbps 14dbm, 11n 13bm
Receive Sensitivity:	11Mbps -84dBm, 54 Mbps -73dbm, 300mbps -68dbm
Dimensions:	22mm x 135mm x 122mm
Workaround :	Temperature 0°C ~ 55°C Humidity 95% (non-condensing)
Certification:	FCC, CE Class B
Box contains:	One PCI Card, two Antennas, CD with Driver/Utility/Manual, Quick Guide
EAN:	4016621111939